

C1
Contd

data unit having the at least one second data unit, the at least one third data unit storing header information relating to the at least one first data unit in the at least one third data unit, said apparatus comprising:

a formatter configured to format an input signal into a bitstream of data packets for an MPEG transport stream, said data packets corresponding to the at least one first data unit; and

a recorder section configured to record the bitstream in the data area of said information medium.

C2

17. (Amended) A bitstream data processing apparatus using a recordable information medium having a data area and a management area, a data structure stored on said information medium including,

a stream object, formed of the bitstream information, including at least one first data unit, at least one second data unit having the at least one first data unit, and at least one third data unit having the at least one second data unit, the at least one third data unit storing header information relating to the at least one first data unit in the at least one third data unit,

said apparatus comprising:

a reproducer section configured to reproduce the bitstream from the data area of said information medium; and

a transfer section configured to transfer the data packets in the reproduced bitstream from the reproducer section to a decoder in which a content of the data packets is decoded.

Please add new Claim 19 as follows.

C3
Contd

19. (New) An information medium containing a data structure for recording bitstream information, wherein,

said data structure stored on said information medium includes a stream object, formed of the bitstream information, including,